

CLAIMS

WHAT IS CLAIMED IS:

1. A method for data compression, comprising:
 - (a) recording a first waveform at a plurality of data points;
 - (b) compressing said data points by a first protocol to derive a first compressed data;
 - (c) compressing said data points by a second protocol to derive second compressed data;
 - (d) comparing said first compressed data to said second compressed data to determine which would require less memory for storage.
2. The method of claim 1, where said first protocol measures the difference between data points.
3. The method of claim 1, wherein said first protocol measures the difference between measured differences.
4. The method of claim 3; wherein said steps of compressing include compressing said data points by a third protocol to derive third compressed data, said first protocol being a bit encoding protocol, said second protocol being a difference encoding protocol, and said third protocol being a difference of the differences protocol.